

MATERIAL SAFETY DATA SHEET

89898
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MANUFACTURER'S NAME
THE THOMPSON'S COMPANY
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DATE OF PREPARATION
02-MAR-98

INFORMATION TELEPHONE NO.
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Section I -- PRODUCT IDENTIFICATION

PRODUCT NUMBER

89898

HMIS CODES

Health	1
Flammability	0
Reactivity	0

PRODUCT NAME

Concrete Etch

PRODUCT CLASS

Etching Solution

Section II -- HAZARDOUS INGREDIENTS

INGREDIENT	ACGIH	OSHA			
CAS No.	% by WT	TLV	PEL	UNITS	V.P.

No ingredients in this product are hazardous as defined by the
Department of Labor.

pH - 2.3

Section III -- PHYSICAL DATA

PRODUCT WEIGHT -- 12.80 lb./gal.	EVAPORATION RATE -- Slower than Ether
SPECIFIC GRAVITY -- 1.54	VAPOR DENSITY -- Heavier than Air
BOILING POINT -- N.A.	MELTING POINT -- N.A.
VOLATILE VOLUME -- 0 %	SOLUBILITY IN WATER -- N.A.
VOC (Theoretical) -- 0.00 lb.	0 gm. (less Federally Exempt Solvents)

Section IV -- FIRE AND EXPLOSION HAZARD DATA

FLASH POINT	LEL	UEL
Not Applicable	N.A.	N.A.

FLAMMABILITY CLASSIFICATION
Not Applicable

EXTINGUISHING MEDIA
Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
Not Applicable

SPECIAL FIRE FIGHTING PROCEDURES
Not Applicable

Section V -- HEALTH HAZARD DATA

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ROUTES OF EXPOSURE

Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

ACUTE Health Hazards**EFFECTS OF OVEREXPOSURE**

Irritation of eyes, skin and upper respiratory system. In a confined area vapors in high concentration may cause headache, nausea or dizziness.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None generally recognized.

EMERGENCY AND FIRST AID PROCEDURES

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

If on SKIN: Wash affected area thoroughly with soap and water.

If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

If SWALLOWED: Get medical attention.

CHRONIC Health Hazards

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

Section VI -- REACTIVITY DATA

STABILITY -- Stable**CONDITIONS TO AVOID**

None known.

INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION

Will not occur

Section VII -- SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate and remove with inert absorbent.

WASTE DISPOSAL METHOD

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

Section VIII -- PROTECTION INFORMATION

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section II) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section II, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m3 (total dust), 3 mg./m3 (respirable fraction), OSHA PEL 15 mg./m3 (total dust), 5 mg./m3 (respirable fraction).

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section II is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section II.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES

Required for long or repeated contact.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

Section IX -- PRECAUTIONS

DOL STORAGE CATEGORY

Not Applicable

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section X -- OTHER REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.			

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.



CONCRETE ETCH

TECHNICAL
BULLETIN

1. THOMPSON'S® Concrete Etch is a mild citric acid concentrate that provides a light surface etch to promote coating penetration and adhesion over a variety of smooth surfaces. It is a mild acid less hazardous to handle and store than products containing muriatic acid. It dissolves quickly and easily in water. When applied to concrete surfaces it reacts quickly, rinses easily, and requires no neutralization.

2. FEATURES:

- Provides a light surface etch.
- Promotes coating penetration and adhesion.
- Produces less dust that could hinder top coat adhesion.
- Citric acid based formula is safer to handle and store.
- Easy - add water, mix, apply and rinse.
- Fast - reacts with concrete surface in 15 to 20 minutes.
- Ideal for use after cleaning surface with THOMPSON'S® Garage Floor Cleaner and before treating surface with THOMPSON'S® Garage Floor Protector.

3. WHERE TO USE:

Use on all smooth, unprotected concrete surfaces such as garage floors, driveways and patios.

4. PREPARATION:

Surface must be clean and free from dirt, dust, grease and oil. Clean thoroughly with THOMPSON'S® Garage Floor Cleaner. Surface must be rinsed well to insure removal of all cleaner.

5. APPLICATION:

- Wear protective eyewear and rubber gloves while working with THOMPSON'S® Concrete Etch.
- Keep area well ventilated.
- Dissolve 2 pounds of THOMPSON'S® Concrete Etch in 3 to 5 gallons of water. Warm water is recommended to promote a faster etching process.
- Stir thoroughly until there are no visible crystals left in the solution.
- Using a sprinkling can (preferably plastic) or a low pressure pump up sprayer, make a uniform application of THOMPSON'S® Concrete Etch to the entire surface area.
- Apply from the back to the front of the surface, using the entire solution to ensure an adequate etch.
- Allow the etch to remain on the floor for 15 to 20 minutes, then rinse well.
- Double rinsing is recommended along with sweeping the surface between rinses.
- The surface must dry thoroughly (approximately 24 hours) before applying THOMPSON'S® Garage Floor Protector.

6. COVERAGE AND CLEANUP:

- Coverage of THOMPSON'S® Concrete Etch depends on the method of application and surface porosity and texture. Product covers an average 2-car garage floor per 2 lb. Container.
- To cleanup - rinse utensils and containers with clean water.

7. CAUTION!

Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection, or leave the area.

FIRST AID: In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, get medical attention immediately. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

For more information call THOMPSON'S Help Line at 1-800-367-6297